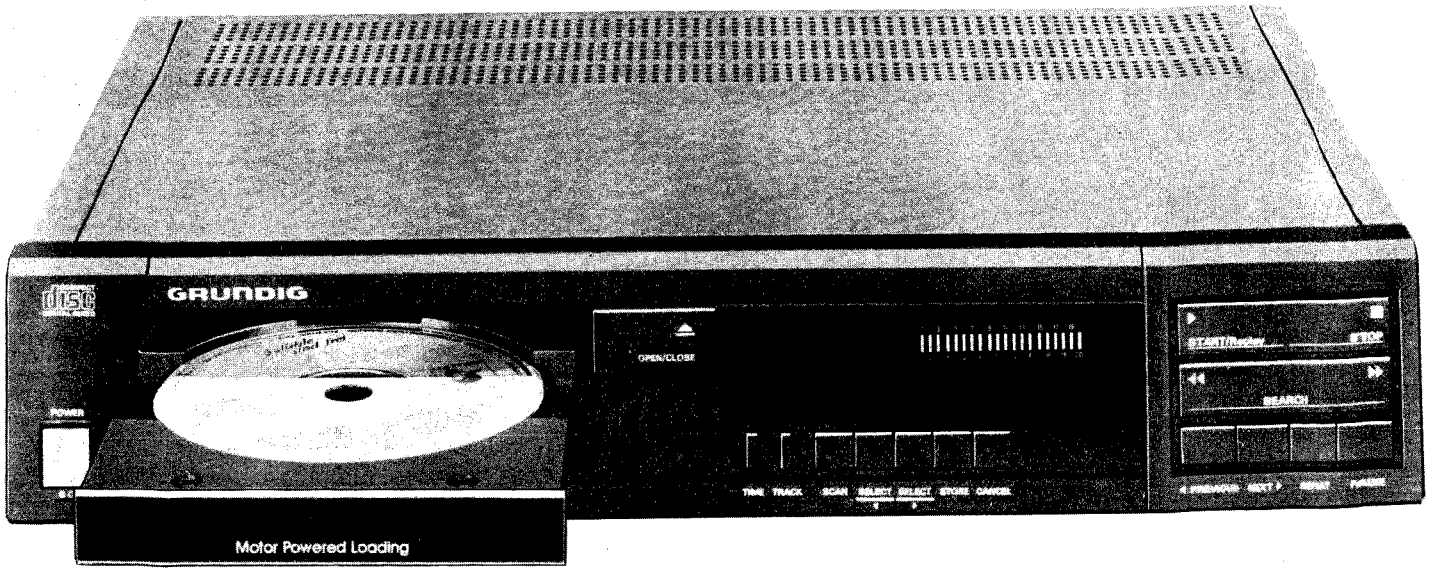
GRUNDIG

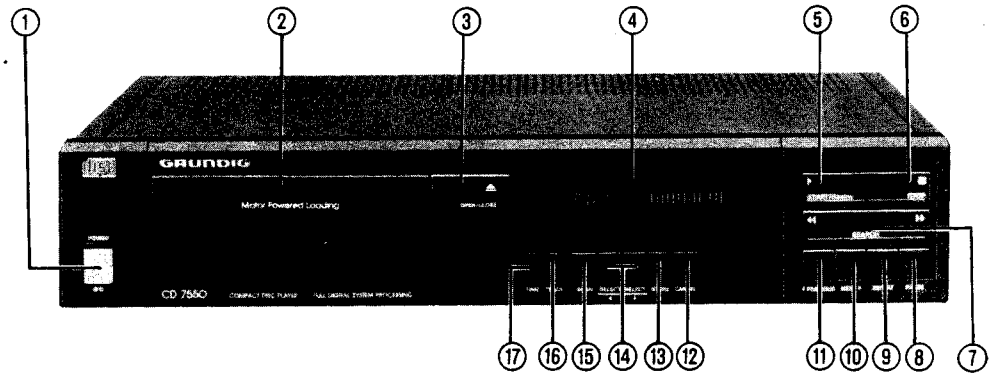
CD 7550



COMPACT disc DIGITAL AUDIO

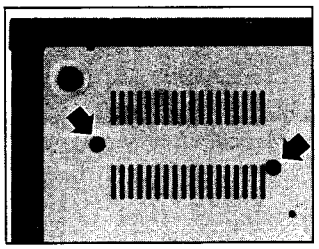
GB D NL F I DK

Your CD Player at a Glance



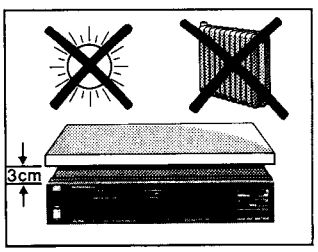
① **POWER Button** for switching on and off.
② **Disc Drawer**
③ **OPEN/CLOSE Button** for opening and closing the disc drawer.
④ **Display** gives information about the number of tracks on the disc, the playing time, the progress of play and particular functions of the player. It also signals faults (ERROR) during operation or programming.
⑤ **START/Replay Button** for starting play and returning to the beginning of a track or title.
⑥ **STOP Button** for stopping play during playback and for erasing a programme completely.
⑦ ◀◀ **SEARCH** ▶▶ **Rocker Button** for fast search to a particular passage.
⑧ **PAUSE Button** for interrupting play. To continue play press again.
⑨ **REPEAT Button** for repeating a disc or a programme.
⑩ **NEXT Button** for moving on to a following track during play.
⑪ **PREVIOUS Button** for returning to a previous track during play.
⑫ **CANCEL Button** for cancelling tracks not required when programming.
⑬ **STORE Button** for storing tracks when compiling a programme.
⑭ **SELECT Buttons** for selecting specific tracks, eg: when compiling a programme (▶ = to higher track/title numbers, ◀ = to lower).
⑮ **SCAN Button** for automatically playing the beginning of each track on the disc.
⑯ **TRACK Button** for displaying the track/title numerically (with index numbers if contained in the disc).
⑰ **TIME Button** for displaying the total playing time of the disc (–TOT), or the elapsed playing time of the complete disc (–ABS), or of each track (–REL).

Positioning



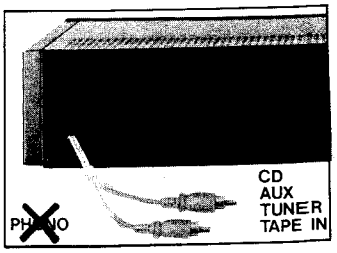
On the bottom of the CD player you will find two screws which lock the drive mechanism of the player to protect it during transport.

Remove these two transport locking screws and keep them in a safe place. Refit the screws if the player is to be transported.



The player must always stand horizontally on a flat, solid surface, not on a mat or anything similar. If siting the player in a cupboard or a wall unit, always allow a minimum space of 3 cm above the player so as not to interfere with the cooling of the player. Never place the unit near sources of heat or in a position where it is subjected to sunlight for long periods, and never on top of an amplifier with high output power. If several units are mounted on top of each other, the CD player should be in the lowest position.

Connecting



To the (Pre)Amplifier

Connect the CD player to the (pre)amplifier with the phono cables appropriate to the coding (eg: L – R or colour coding). Suitable connections on the amplifier are marked **CD** or **AUX**.

Inputs such as **TUNER** and **TAPE/LINE IN** may also be used, but never the **PHONO** input which is only suitable for dynamic and magnetic cartridges.

To the Mains

Connect the CD player only to a 220 V AC (GB: 240 V) mains supply.

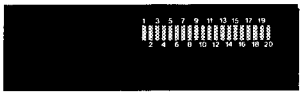
Additional Information for Sets Sold in Great Britain

Products for sale in GB are suitable for operation from a 240 V AC mains supply. We recommend that a 13 A 3-pin plug fitted with a 3-5 A fuse be used. The brown lead must be connected to the live pin (marked "L" or "Brown" or "Red") and the blue to the neutral pin (marked "N" or "Blue" or "Black"). On no account should either wire be connected to the earth pin (marked "E" or "Green"/ Yellow"). If other mains plugs are used ensure that they are protected by a 3-5 A fuse.

General Operation

Function and Procedure — Display/Notes

Switching On: Press POWER button.



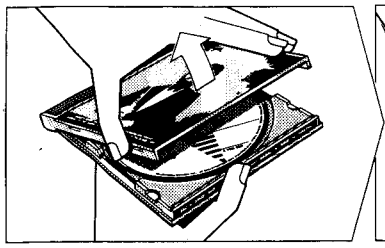
The track indicator appears with 20 numbered bars. The "on" indicator obove the POWER button comes on.

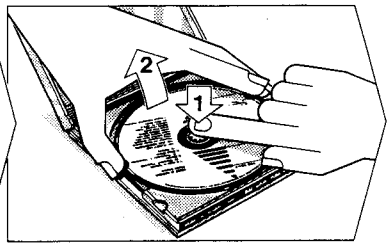
Inserting the Disc

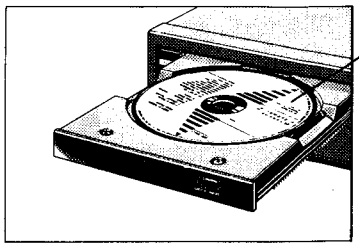
Opening drawer: Press OPEN/CLOSE button.

Drawer opens with brief delay.

Take the disc out of its container and insert it into the drawer with the label **uppermost.**



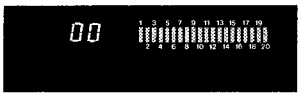




Closing Drawer: Press OPEN/CLOSE button.

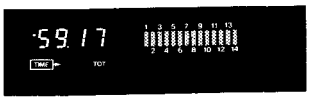
To prevent the ingress of dust, do not leave the drawer open.

temporary



The unit checks the disc for playing time and number of tracks.

then



This disc, for example, has a total playing time of 59 mins. and 17 secs. and contains 14 tracks each of which is indicated by a bar.

TIME TOT = total playing time

Playing the Disc

Starting player: Press START/replay button.
(This is also possible with drawer open).

The first bar of the track indicator glows brighter and the first track begins to play.

The bars of the played tracks go out.

TIME REL = relative time, now shows the elapsed playing time of the corresponding track.
After the last track the player switches to stop.

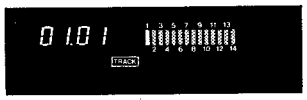
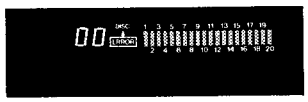
Stopping Play Before the End of the Disc:
Press STOP button.

The time indication disappears. The 20 bars on the track indicator light again.

Switching Off the Unit: Press POWER button.

The bars of the track indicator go out, also the "on" indicator above the POWER button.

Special Functions On Play

Function and Procedure	Display/Notes
Interrupting Play: Press PAUSE button.	PAUSE lights up.
Restarting Play: Press PAUSE button again.	PAUSE goes out.
Repeating the Disc: Press REPEAT button.	REPEAT will light up, and the disc will play continuously as long as the REPEAT sign is illuminated.
Cancelling REPEAT: Press REPEAT button again.	REPEAT goes out.
Going at Once to the Next or One of the Following Tracks: Press NEXT button once or repeatedly until...	...the track indicator bar corresponding to the desired track glows brighter (time indication TIME REL is set to 00 again). If you press the NEXT button during the **last** track, the ERROR sign will light briefly, reminding you that there is no next track, and play of the last track will continue. If the player is in the REPEAT mode, play will continue with the first track.
Going at Once to the Previous or Any Track before it: Press PREVIOUS button once or repeatedly until...	...the track indicator bar corresponding to the desired track glows brighter (time indication TIME REL is set 00 again). If you press the PREVIOUS button during the first track, the ERROR sign will light briefly, reminding you that there is no previous track, and play of the first track will continue. If the player is in the REPEAT mode, play will continue with the last track.
Going Back to the Beginning of a Track Being Played: Press START/Replay button.	Relative time indication TIME REL starts at 00 again.
Quickly Locating a Desired Point on the Disc: Press SEARCH rocker button (press ◀◀ to search towards the disc/track beginning; press ▶▶ to search towards the disc/track end).	The speed of search depends on how long the SEARCH button is held pressed: For the first 3 seconds relatively slowly, for the next 3 seconds faster, and after 6 seconds at maximum speed if you continue to to hold the button pressed. SEARCH will take place only up to about 20 seconds before the actual end of the disc: Then ERROR will light up. When you release the SEARCH button, the disc is played to the end.
● ***Search using index numbers: Press TRACK button in addition.***	
Displaying the Playing Time: Normal state during play.	TIME → REL and the elapsed playing time of the track playing.
Press TIME button.	TIME → TOT, this is the total playing time of the disc in minutes and seconds.
Press TIME button.	TIME → ABS, corresponds to the absolute playing time since the start of the disc.
Press TIME button.	TIME → REL, as above.
Numerical Track Indication: After play has begun press TRACK button.	 TRACK lights up and instead of the time indication, you read "01.01", "02.01" etc. The figures after the point denote index numbers and remain at ".01" if the disc has no index numbers.
● ***If the disc has index numbers (see disc information), you always have to press the TRACK button to display them.***	Indication of track numbers (in front of the point) especially for discs with more than 20 tracks. Index numbers cannot be programmed, but are useful when searching for a particular passage.
Returning to Time Indication During Play: Press TIME button	TIME appears and the previous time indication mode.
Error Indication: If you make a mistake when operating or programming, the red ERROR sign lights for a short time as a warning.	
If the fault has to do with the disc (eg: inserted upside down), you will see the red ERROR DISC sign light briefly.	

Reviewing the Disc

If you wish to familiarize yourself with the contents of the disc, you can play each track for about 10 seconds.

Function and Procedure	Display/Notes
Initial Position: Disc inserted, drawer open or closed.	
Start with SCAN button.	SCAN will light up. As long as the title is played, the seconds will be running and the corresponding bar flashes. Bars for the titles already played go out. With SCAN selected, the special functions SEARCH, PREVIOUS, NEXT, REPEAT are inoperative.
When the beginnings of all tracks have been played...	...the SCAN sign goes out, and the unit returns to the beginning of the first track and the first bar glows brighter. At the same time the PAUSE sign lights.
If you wish to play the disc: Press PAUSE button.	The PAUSE sign goes out and the tracks are now played in their entirety.

● ***If you want to hear the remaining tracks in their entirety, stop SCAN by pressing the START/Replay button (SCAN goes out).***

Selecting the Tracks of Your Choice

Starting with Any Specific Track

You can start with any title on the disc and then play the following tracks up to the end of the disc.

Function and Procedure	Display/Notes
Initial Position: Disc inserted and drawer closed with OPEN/CLOSE button.	Bar indication corresponds to the number of titles.
Press SELECT ▶ or SELECT ◀ button repeatedly or continuously...	...until the bar of the desired title is reached: Bar flashes only for **7 seconds.**
Within the 7 seconds: Press START/Replay button.	The bar of the selected title glows brighter and all the bars before it go out. The unit will play the selected title and all the remaining tracks of the disc.

Programming Various Titles (Tracks) During Review

You can select several titles from the disc and play only these. If you like, for example, the titles 1, 2, 5, 7, 8, 9, 10 on a disc particularly, you need not listen to 3, 4, 6 and the tracks after 10. You can select the tracks of your choice.

Function and Procedure	Display/Notes
Initial Position: Drawer open or closed.	
Start with SCAN button.	SCAN lights, bar 1 flashes and title 1 is played (for about 10 seconds, applies also to the following tracks).
Wile title 1 is playing: Press STORE button.	Bar 1 is stored. Bar 2 flashes and title 2 is played.
While title 2 is playing: Press STORE button.	Bar 2 is stored. Bar 3 flashes and title 3 is played.
While title 3 is playing: Wait until bar 4 flashes, or press CANCEL button at once.	Bar 3 goes out. Bar 4 flashes and title 4 is played.

While title 4 is playing : Wait again until bar 5 flashes, or press CANCEL button at once.	Bar 4 goes out. Bar 5 flashes and title 5 is played.
While title 5 is playing: Press STORE button... ...and so on according to programme example above.	Bar 5 is stored. Bar 6 flashes...
Once all titles are programmed...	...CANCEL goes out. The unit returns to the beginning of the first track and the first bar glows brighter. At the same time PAUSE lights up.
If you wish to start play, press PAUSE button:	PAUSE goes out and the programmed tracks are now played in their entirety.

- ***The programme will be erased, if you stop playback prematurely with the STOP or OPEN/CLOSE button or if the player stops after playing the last track.***
- ***If the REPEAT button is pressed, the programme will remain in the memory and will be repeated continuously.***

Programming Titles (Tracks) in Any Sequence

The memory of the CD player has a capacity of 20 entries, which means that a maximum of 20 tracks can be stored. If you exceed this maximum, ERROR lights to remind you that the memory is full.

You can arrange the title sequence of a disc as desired and select only the tracks you like (even several times).

- Example: From a disc containing 9 tracks, you wish to listen to the tracks 7, 3, 9, 7 and 5 in that order.

Function and Procedure	Display/Notes
Initial Position: Disc inserted and drawer closed with OPEN/CLOSE button.	Track indicator shows 9 bars.
Press one of the SELECT buttons until...	...bar 7 flashes.
Store title 7 within 7 seconds with the STORE button:	Bar 7 now lights continuously. Bar 8 flashes (max. 7 sec.) and the remaining bars go out.
Press one of the SELECT buttons until...	...bar 3 flashes.
Store title 3 within 7 seconds with the STORE button.	Bar 3 lights continuously.
Programme titles 9, 7 and 5 of our example in the same way. Once the last track is programmed...	...the bars 3, 5, 7 and 9 light continuously: You have now finished programming.
Press START button:	The first of the preselected tracks is played back; the bar corresponding to the number of the track glows brighter, and so forth. Bars for tracks already played go out, while the the bars for the remaining tracks are lit as usual.
• **Wrong entries** can be corrected with the CANCEL button. Let us assume you have stored track 4 instead of 5. You can rectify this as follows: Select bar 4 using the SELECT button and then press the CANCEL button.	The flashing bar 4 goes out and the bar 5 starts to flash.
Store title 5 within 7 seconds using the STORE button.	Bar 5 now lights continuously.

- ***During play of a programme you can still make alterations, such as adding or erasing tracks.***
- ***If you wish to repeat the programme, press the REPEAT button.***
- ***During play of a stored programme, all player functions remain operative, except beginning with a specific track.***
- ***◂◂ SEARCH ▸▸ is limited to the track just being played.***
- ***The programme will be erased, if you stop playback prematurely with the STOP or OPEN/CLOSE button or if the player stops after playing the last track.***

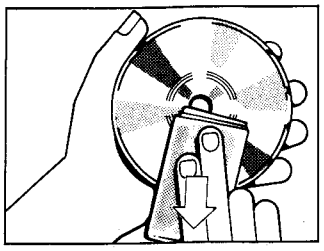
Discs with more than 20 Tracks

These discs can be played quite normally on this Compact Disc player although you should take one or two points into consideration. These concern the working of the track indicator, the player functions and programming. The track indicator works normally for the first 20 tracks, i.e. after the contents list has been read, all 20 bars will light. As play progresses, these go off successively except the twentieth, which remains lit at a lower intensity when the twentieth track ends. At the same time the ERROR sign lights continuously to show that there is still a number of tracks to follow. For these tracks beyond 20, bar 1 will begin to glow brighter again as soon as track 21 is played, and bar 2 if track 22 is played, etc.

You can, of course, press the TRACK button to display the tracks numerically; this indicator goes on counting up to 99.
All player functions will remain operative during the complete duration of the disc, with the exception of "beginning at any specific track" and reviewing the disc and selecting tracks using SCAN. You can only apply these to the first 20 tracks. The programming facility using SELECT is also limited to the first 20 tracks, the remainder cannot be stored in the memory.

Disc Maintenance

Although the music track in the disc is covered with a protective layer, it is still advisable to treat the disc carefully. As long as you always pick up discs by the edge, and put them back in their holders immediately after use, cleaning will not normally be necessary.



However, should fingerprints, dust or dirt appear, you can wipe them off with a soft, lint-free cloth. Wipe the disc in a straight line from centre to edge.
You can breathe on the disc first if necessary, but detergent or abrasive cleaning agents must never be used, nor must be cleaning agents for conventional records!

Care of the Unit

Only a soft cloth which picks up dust should be used to clean the cabinet. Aggressive polishing or cleaning material may damage the surface.

Technical Data

Typical Audio Performance	
Frequency Range	2-20,000 Hz, ± 0.3 dB
Dynamic Range	96 dB
Signal-to-Noise Ratio	96 dB
Channel Separation	94 dB (at 1000 Hz)
Total Harmonic Distortion	0.003% (at 1000 Hz)
Audio Output Level	2 V_{rms}

Optical Readout System	
Laser	semi-conductor AlGaAs
Wave length	800 nm
Power Supply	
Mains Voltage	220V/50 Hz (GB: 240V/50 Hz)
Power Consumption	33W approx.

The unit meets interference radiation regulations based on the EEC guideline No. 82/499 EEC.
The unit meets the VDE 0860 safety regulations and consequently also the international safety specification IEC 65 or CEE 1.
The accessories available for your set are indicated in the GRUNDIG catalogue which can be obtained from your dealer.

Subject to alteration

E. and O.E.